Strach, J.

Use of natural ventilation in metallurgic plants. p. 210 HUTNIK. (Ministerstvo hutního prumyslu a rudnych dolu) Praha. Vol. 4, no. 7, July 1954.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

[illegible], J.

"Fresh air in chemical plants, a necessity for care of h[illegible]th." Chemicky Prumysl, Praha, Vol. 4, no. 7, July, 1954, p. 5[illegible].

SO: Eastern European Accessions List, Vol. 4, No. 11, Nov. 1954, LC.

STRASH, J.

Air conditioning in the porcelain industry, p. 297, SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 4, No. 11, Nov. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

STRACH, Josef

Ventilation in hospitals. Cesk. nemoc. 22 no.6:150-154 25 Nov 54.

1. Zavody Rudych Letnic
(HOSPITALS,
ventilation)
(VENTILATION
hosp.)

[illegible], [illegible].

[illegible] ex[illegible]. ([illegible]) [illegible].
([illegible], Vol. [illegible], no. 4, April 195[illegible], [illegible].)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

[illegible] (Special n)o. 2[illegible].
([illegible], Vol. 4, no. 5, [illegible] 1[illegible], [illegible].)

[illegible]: [illegible] of Ant[illegible] [illegible], (T[illegible]), I[illegible], Vol. 4,
[illegible]. 11, [illegible] v. 1[illegible], [illegible].

Strach J.

CZECHOSLOVAKIA/Safety Engineering. Sanitary Engineering. Sanitation. L

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10731

Author : Strach, J.
Inst : Not given
Title : Air Purification in the Glass Industry

Orig Pub: Sklar a keramik, 1955, Vol 5, No 9, 202, 207 (in Czech)

Abstract: The need for continuous and systematic purification of the atmosphere in the working areas from harmful gases and vapors, particularly SiO_2, deleterious to the health of the workers is emphasized. The permissible concentrations of harmful dust in the atmosphere in production areas prescribed by Polish Standard 1324-47 are listed. The author pays particular attention to prophylactic measures for the neutralization of the harmful effects of silica dust by spraying with specially prepared solutions of calcium sulfate which counteract the effect of silica dust. The author also lists the harm-

Card 1/2

[redacted], I.

[redacted]egulation of air in the glass industry. p. 247. [redacted]
[redacted]Inżynieria i budownictwo przemysłowe. Praha. Vol. 5, no. 11, Nov. 1955.

[redacted]: Great European Accessions List, Vol. 5, no. 2, September 1956

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STRACH, J. Air conditioning as a means of destroying microorganisms in the fermentation industry. p. 203

Vol. 2, no. 9, Sept. 1956
KVASNY PRUMYSL
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

STRACH, J.

Acceptance, control, and maintenance of ventilating and exhaust units. p. 179. ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva. Vol. 5, No. 6, June 1956.

SOURCE: East European Accessions List, (EEAL). Library of Congress. Vol. 5, No. 12, December 1956.

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The acceptance, control, and maintenance of ventilating and exhaust equipment. p. 216. ZVARANIE. (Ministerstvo hutneho prumsly a rudnych bani a Ministerstvo strojarstva) Bratislava. Vol. 5, No. 6, June 1956.

SOURCE: East European Accessions List, (EEAL). Library of Congress. Vol. 5, No. 12, December 1956.

STRACH, J.

STRACH, J. Taking over, regulating, and maintaining ventilation and heating installations.
p. 193

Vol. 6, no. 8, Aug. 1956
SKLAR A KERAMIK
TECHNOLOGY
Praha, Czechoslovakia

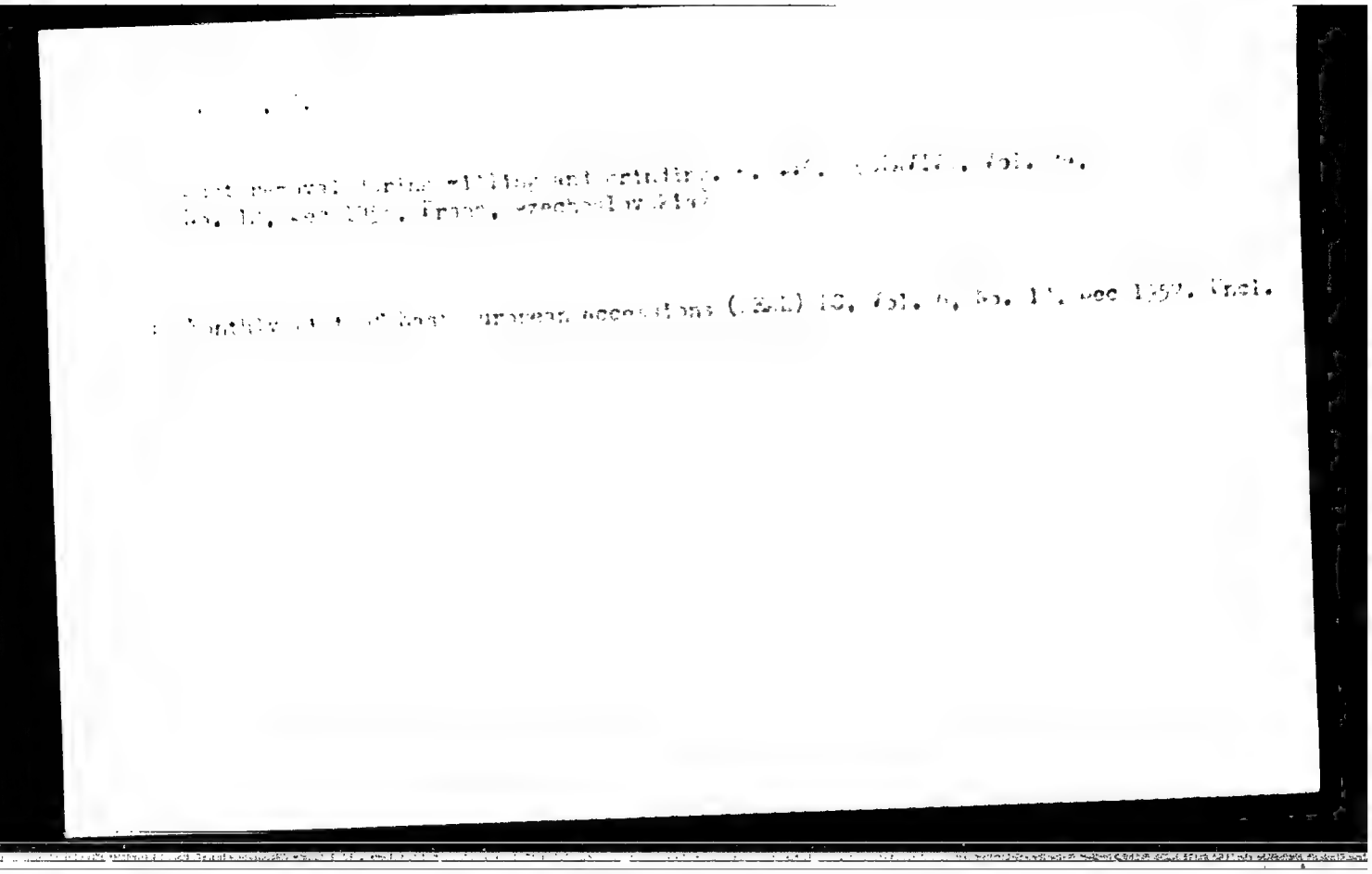
So: East European Accession Vol. 6, no. 2, 1956

STRACH, J.

"Inspection, control, and maintenance of ventilation and heating systems."

p. 175 (Kozarstvi) Vol. 6, no. 9/10, Oct. 1956.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958



STRACH, J.

Air conditioning in the chocolate and candy industry.

P. 61 (Listy Cukrovarnicke) Vol. 73, No. 3, Mar. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL 7, NO. 1, JAN. 1958

TRAL, V.

Tests, acceptance, and operation of lower-pressure ventilators, p. 177.
(Strojirenstvi, Vol. 7, No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 8, Aug 1957, Uncl.

STRACH, Josef

Lighting techniques of the Czechoslovak Railroads. Zel dop tech 10 no. 3:88. '62.

Strach, I.

"A drier for Uvatan, an unwoven textile fabric.

p. 97 (Stormik, No. 1, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

Strach, I.

"The use of chamber and tunnel driers for materials susceptible to drying.

p. 133 (Sborník, No. 1, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

STRACH, L. SKRIK, A.

"Problems of artificial drying in agriculture." p.13

ADPA JTNI TECHNIKA A VEDECHOTECHNIKA (Ceskoslovenska akademie ved. Ceskoslovenska vedecka technicka spolecnost pro zdravotni techniku a vzdelavotechniku) Praha, Czechoslovakia, Vol. 2, no. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

STRACH, L.; KORGER, M.; CHOC, M.

Drying research at the Czechoslovak State Research Institute for Heat Engineering. Acta techn Hung 40 no.3/4:359-382 '62.

1. Staatliches Forschungsinstitut fur Warmetechnik, Praha.

STRACH, L., ins.; KRIZEK, F., inz.

Principles of drying. Pt.1: Air and water vapor. Stavivo 41 no.2: 61-63 F '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

STRACH, L., inz.; KRIZEK, F., inz.

Principles of drying. Pt. 2. Stavivo 41 no.4:141-143 Ap '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

STRACH,L., inz.; KRIZEK,F., inz.

Principles of drying. Pt.3. Stavivo 41 no.8:292-296 Ag'63

1. Statni vyzkumny ustav tepelne techniky, Praha.

STRACH, Vaclav, inz.

Flowing of the moist air. Zpravodaj VZLU no.1:11-13 '62.

STRACH, Vaclav, ing. CSc.

Tests of cascades at supersonic speeds. Zpravodaj VZLU 2:21-24 '64.

L 24[illegible] EWT(l)/EWP(m)/EWA(d)/FCS(k)/EWA(l) Pd-4

ACCESSION NR: AP5002856 Z/0059/64/000/002/0021/0024

AUTHOR: Strach, V., (Engineer, Candidate of sciences)

TITLE: Testing baffle cascades at supersonic flow velocities

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj VZLU, no. 2, 1964, 21-24

TOPIC TAGS: wind tunnel, airfoil testing, baffle cascade, supersonic flow, shock wave, air flow velocity

ABSTRACT: The difficulties in studying baffles fixed to wind tunnel walls and subject to supersonic air streams are first reviewed, including distortion of very thin baffles, exhausting boundary layers through slits at the base of baffles, and also visual observation. Three types of frontal shock waves which form at baffle tips are then analyzed, including the effects of their deflection against tunnel walls, and experiments with a perforated wall. Calculating the effect of such wave velocity interference is very complicated and the interference seems to have little effect upon the air stream itself. Behind a frontal shock wave, which occurs at a slight distance from a single baffle at velocities only slightly above Mach, air velocity is subsonic and the stream around the baffle is undistorted. This means that shock wave effects from a single baffle are different

Card 1/4

L 29098-65

ACCESSION NR: AP5002856

than in a series of baffles and quite independent of the stream Mach number. At the Vyzkumny a zkusebni letecky ustav (Aviation research and testing institute) the test chamber for supersonic streams is connected to a subatmospheric (vacuum) tank, as are those for subsonic tests. The difference between the two types is that the baffles in the first are adjustable and revolve with the chamber wall, while those in subsonic chambers are fixed and the inflow nozzle directs the air stream against them. The nozzle shape can also be adjusted by a screw (see Fig. 1 of the Enclosure). The perforated bottom wall helps to raise velocity in sonic and slightly supersonic streams by exhausting a certain amount of air. Baffles are inserted through the round side wall, which is transparent in order to permit visual observation. The air stream passes from the baffles into a wider space, where its kinetic energy is transformed into heat. The chamber measures 100 x 125 mm in cross section and will take 5-8 baffles 100 mm long. Air enters at velocities regulable from 0.5 to 1.35 Mac and can be maintained at a constancy which does not vary more than 2 percent. Orig. art. has: 5 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 02 SUB CODE: ME

NO REF SOV: 000 OTHER: 000

Card 2/4

L 29688-65

ACCESSION NR: AP5002856

ENCLOSURE: 01

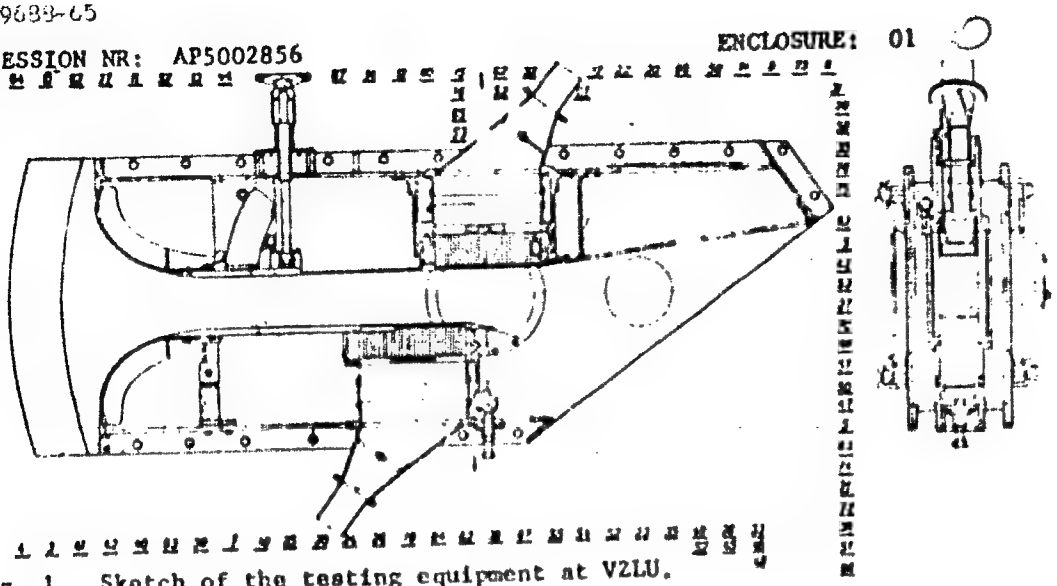


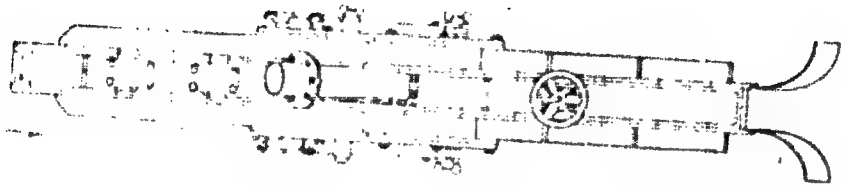
Fig. 1. Sketch of the testing equipment at V2LU.
(Continued in Enclosure 2)

Card 3/4

L 29688-65

ACCESSION NR: AP5002856

ENCLOSURE: 02



Card 4/4

L 41672-65 EWT(1)/EWP(m)/EWA(d)/EPR/FCS(k)/EWA(h)/EWA(c) Pd-1/Pi-4 WW

ACCESSION NR: AP5007766 Z/0041/65/000/001/0025/0034

AUTHOR: Strach, V. (Strakh, V.)(Engineer, Candidate of sciences)

TITLE: Reflection of shock waves from a perforated wall

SOURCE: Strojnicky casopis, no. 1, 1965, 25-34

TOPIC TAGS: aerodynamics, wind tunnel, shock wave, shock wave reflection, perforated wall

ABSTRACT: In order to establish the relation between velocity of airflow in a wind tunnel and the turbulent reflection from a perforated section of its wall experimentally, formulas were developed expressing the angle of approach to perforations depending upon the pressure difference between the tunnel and a chamber enclosing the perforated wall. Further formulas express the velocity differential in the boundary layer, which was thought to be constant due to air expansion in the stream, but was found to decline as pressure falls. Since pressure is constant in the outer chamber, the pressure p_i at any point of the interior wall is a function of p_z and λ_z - the pressure and velocity along the wall at the end of the tunnel. Thus, the pressure drop along the perforated wall is a synonymous function of the angle of escape Θ and final velocity λ_z, and

Card 1/2

L 41672-65
ACCESSION NR: AP5007766

$$\frac{P_1 - P_k}{\frac{1}{2}\rho \cdot v^2} \Rightarrow H(\Theta, \lambda_z).$$

A shock wave is a plane disturbance whose entropy is discontinuous although $S = 0$ both ahead of and behind its face. Formulas are given to express the kinetic energy in the gas before a shock wave under anisoentropic and also isoentropic pressure, and a chart shows the criteria for an oblique shock wave with a velocity M_1 ahead and M_2 behind the wave face. The kinetics of a curved shock wave reflected from a tunnel wall are then analyzed on the basis of "shock polaras" at various velocities. Orig. art. has: 5 figures and 19 formulas.

ASSOCIATION: None

SUBMITTED: 25May64 ENCL: 00 SUB CODE: ME

NO REF SOV: 002 OTHER: 002

Card 2/2

SERAFINSKI, [illegible], mgr., inz.

Automatic speed regulation of push-back railroad cars from the hump. Przegl kolej elektrotechn 13 no.11:349-351 '61.

STRACHALSKI, W., mgr inz.

Automatic speed control of cars pushed up humps. Przegl kolej elektrotech 14 no.1:3-4 Ja '62.

1. Contralny Osrodek Badan i Rozwoju Techniki Kolejnictwa, Warszawa.

SIKORALSKI, Wit [illegible], mgr ins.

Radar in the service of [illegible] part automation. Przegl kolej elektrotech 10 [i.e.15] no.11:513-515 N'63.

PCHELINA, Ye.A.; STRACHININA, N.K.

Role of the X-ray method of study in the diagnosis of acute intestinal obstruction. Vest. khir. 85 no. 7:117-123 Je '60. (MIRA 14:1)
(INTESTINES--OBSTRUCTION)

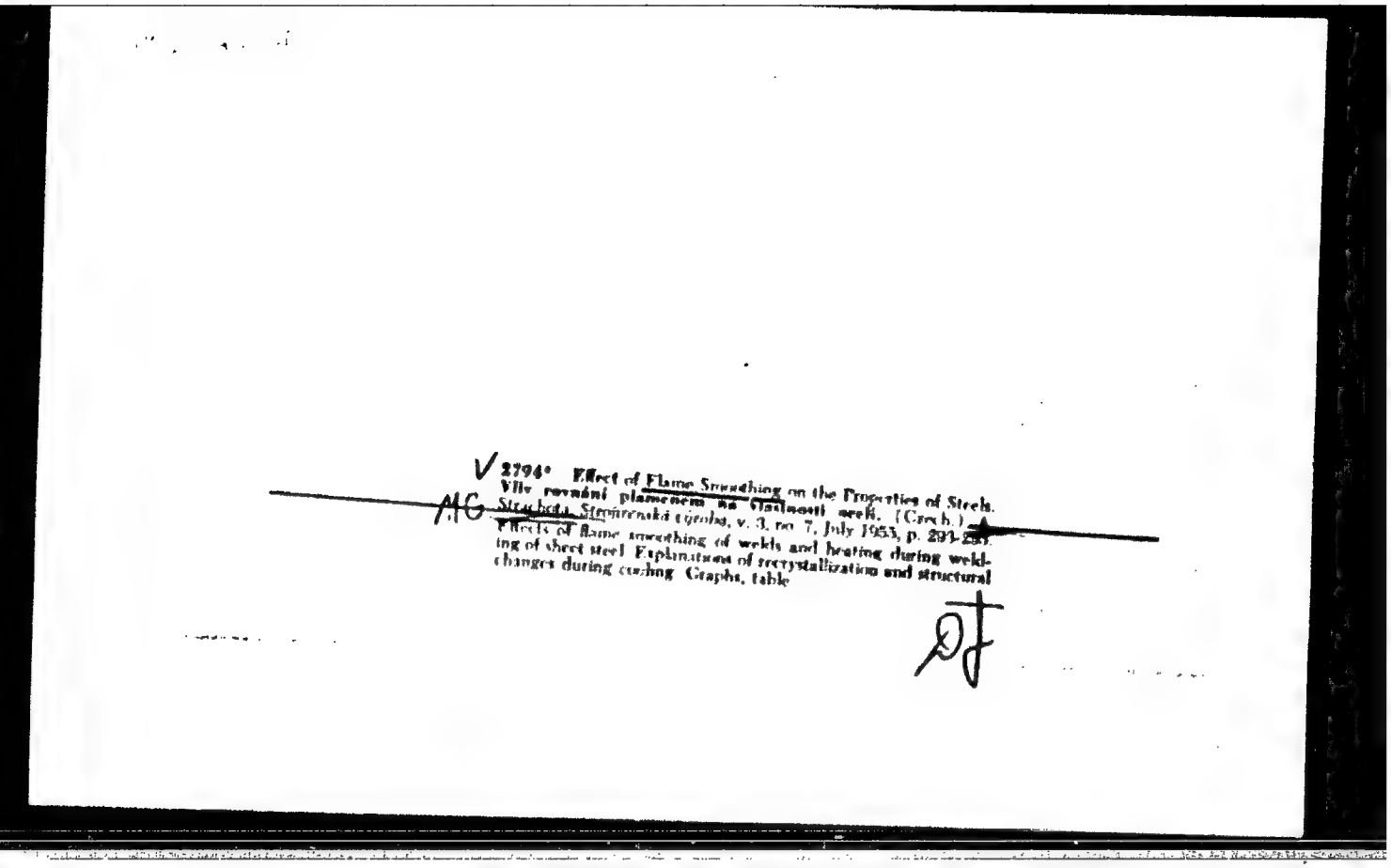
SHACHKOV, M. M., Cand Geol-Min Sci --,(diss) "History of the tectonic development of southeastern Karatau." Mos, 1957. 16 pp (Min of Higher Education USSR, Mos Geol-Prospecting Inst im S. Ordzhonikidze, Chair of General Geology), 110 copies (KL, 1-58, 116)

STRACHKOVA, V.P.; BORODIKO, S.L.

Harmlessness of the vaccine strain Brucella abortis 104 "M" and the serological reorganization appearing following its subcutaneous and epicutaneous use. Sbor. nauch. rab. Elist. protivochum. sta. no. 1:215-220 '59. (MIRA 13:10)
(BRUCELLA) (VACCINES)

STRACHKOV, Yu.

International records of Soviet racers. Avt.transp. 40 no.11:59 N '62. (MIRA 15:12)
(Automobile racing)



V 2794* Effect of Flame Smoothing on the Properties of Steels.
Vliv rovnání plamenem na vlastnosti ocelí. (Czech.)
Strojírenská výroba, v. 3, no. 7, July 1955, p. 291-295.
Effects of flame smoothing of welds and heating during welding of sheet steel. Explanations of recrystallization and structural changes during cooling. Graphs, table.

STRACHOTA, A.

Intermittent flame hardening of gears. p. 21.
STROJIRENSKA VYROBA, Prague, Vol. 4, no. 1, Jan. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

STRACHOTA, A.

Gaoe-flame hardening of gear wheels with medium modules. p. 491.

STROJIRENSKA VYROBA. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia, Vol. 7, no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan, 1960

Uncl.

STRACHOTA, Antonin

"Hardening medium for thermal processing of metals" by L. V. Petras. Reviewed by Antonin Strachota. Stroj vyr 10 no.6: 325 '62.

STRACHOTA, Antonin, inz.

New heating and cooling media. Stroj vyr 10 no.7:346-348 '62.

1. Statni vyzkumny ustav materialu a technologie, Praha.

STRACHOTA A., inz.

Heat treatment of construction steel to improve their machinability.
Strojirenstvi 13 no.9:675-680 S '63.

1. Statni vyzkumny ustav materialu a technologie, Praha.

BETKA, Cenek; STRACHOTA, Antonin, inz.; CIHAK, Ladislav

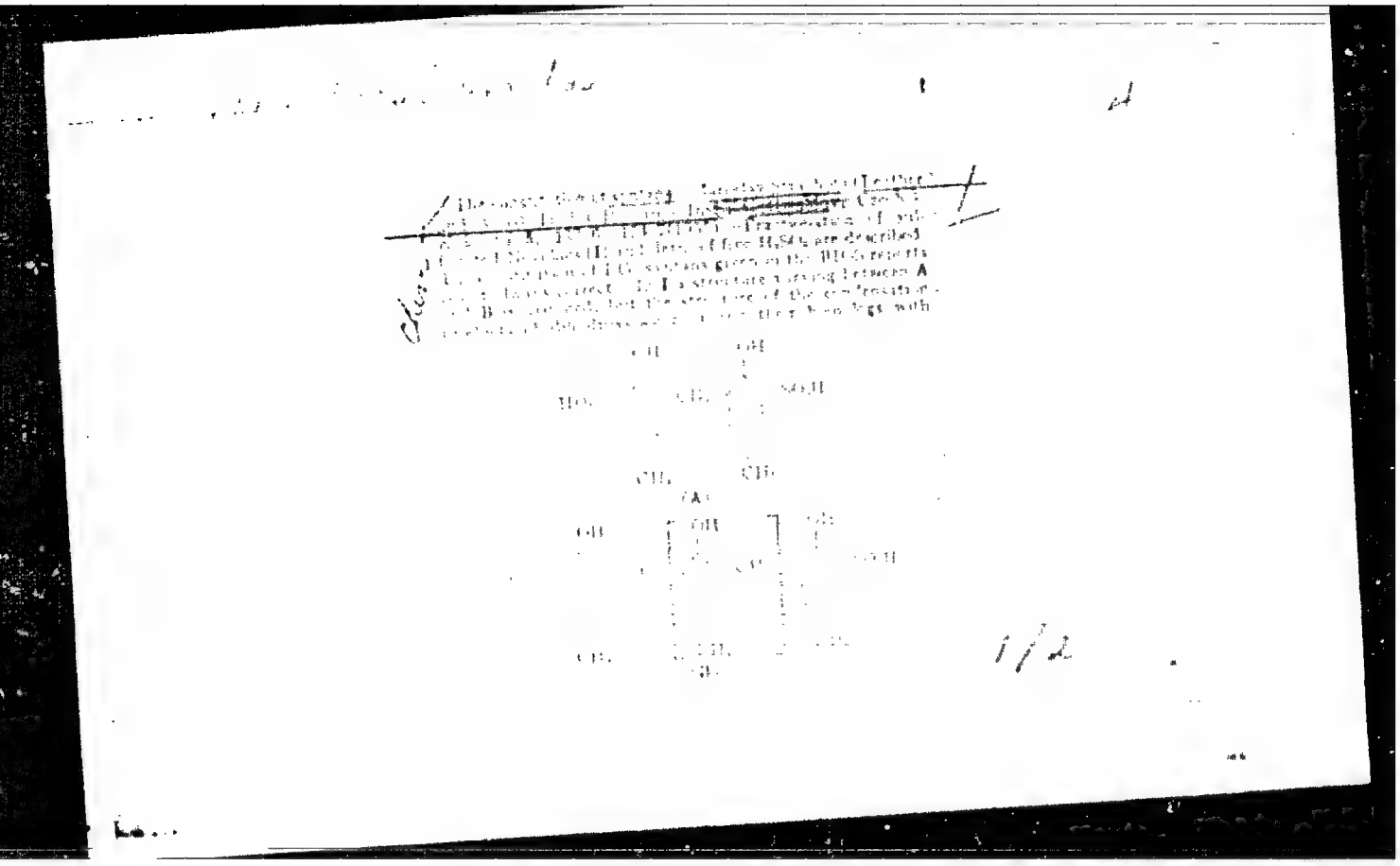
On standardization of thermal treatment techniques.
Pod org 17 no.5:204-207 My '63.

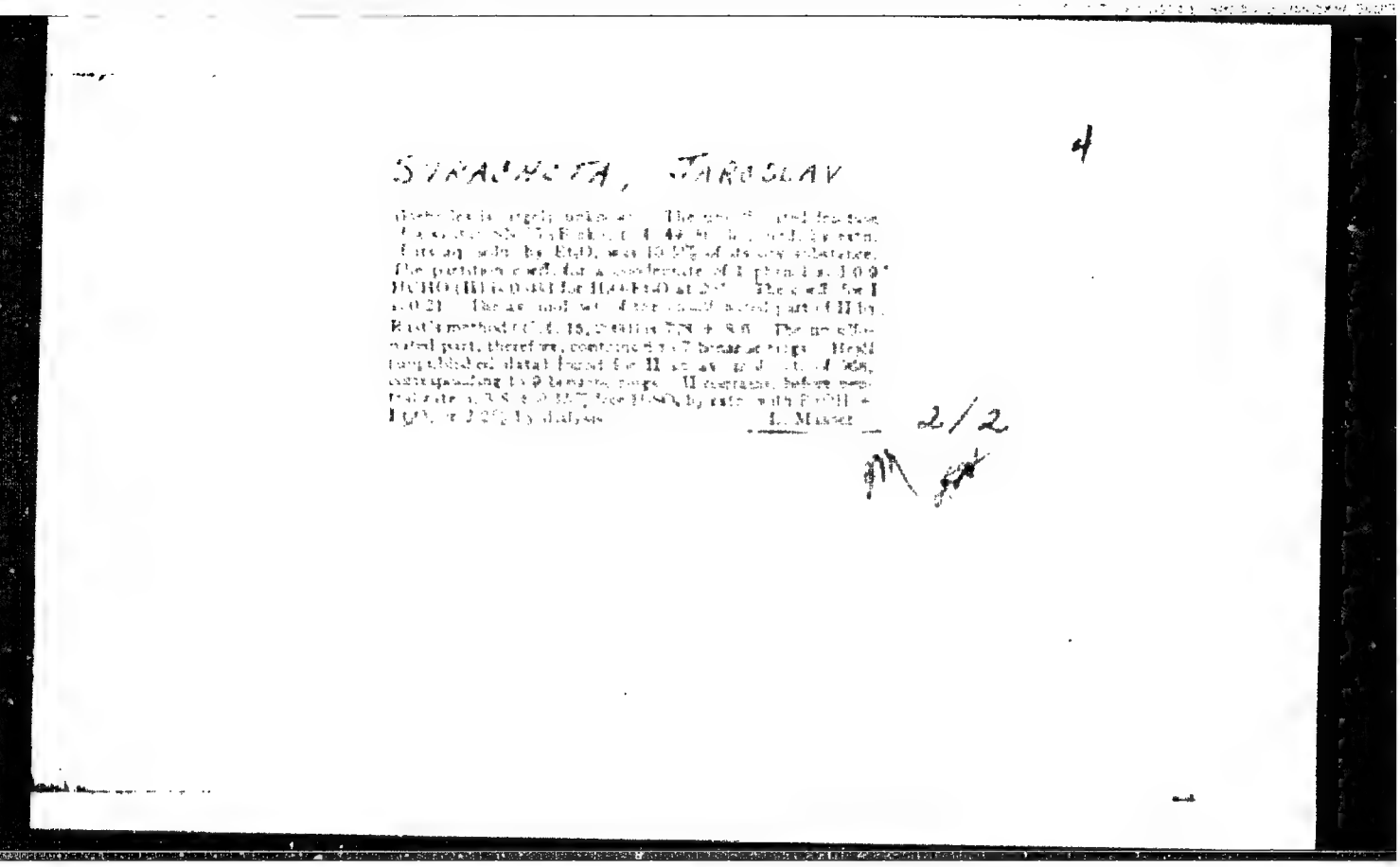
1. Tovarny na obrabeci stroje Celakovice (for Betka)
2. Statni vyzkumny ustav materialu a technologie, Praha (for Strachota)
3. Technicko-organizacni vyzkumny ustav strojirensky (for Cihak).

[redacted] TA, [redacted], Ind.

Material and design of jigs for Monocarb furnaces. Stroj vyr 12 no. 5:339-344 My '64.

[redacted] Research Institute of Materials and Technology, [redacted].





SVARNOVA, Jaroslav

4

2/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Leather. Fur. Gelatin. Tanning Agents. Technical Proteins.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27451

Author : Strachota Jaroslav, Kotasek Zdenek

Inst :

Title : Synthetic Tanning Agents from Dihydric Phenols. I.

Orig Pub : Vedy a vyzk. v prumyslu kozedelne., 1956, 2, 5-11

Abstract : Description of the results of chromatographic fractionation of the product of polycondensation of 1 mole pyrocatechol with 0.5 mole CH_2O.

Card 1/1

STRACHOTA, J.

"Chromatography of phenolic materials; an introduction to paper chromatography." P.337.

KOZARSTVI. (Ministerstvo spotrebniho prumyslu). Praha, Czechoslovakia, Vol. 8, No. 11, Nov. 1958.

Monthly list of East European Accessions(EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

CZECHOSLOVAKIA / Analytical Chemistry--Analysis of organic substances. E-3

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38373

Author : Strachota, J.; and Kotasek, Z.
Inst : Not given
Title : The Reaction of Phosphomolybdic Acid with Dihydroxybenzenes. I. The Photometric Determination of Pyrocatechol.

Orig Pub : Chem Listy, 52, No. 6, 1093-1098 (1958) (in Czech)

Abstract : The authors have developed a photometric method for the determination of pyrocatechol(I), based on the latters reaction with an excess of phosphomolybdic acid (II). In order to avoid the oxidation of I, the reaction is carried out at a pH of about 3-4 in phthalate buffer solution

Card 1/3

CZECHOSLOVAKIA / Analytical Chemistry--Analysis of organic substances. E-3

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38373

or in dilute mineral acids. The optical density of the colored solutions obtained is measured at 405-455 mμ 10-15 min after the II is added. The intensity of the color remains constant for 90 min. The Beer law is of aid in the following concentration ranges of I (per ml solution): 5-150 micrograms (unbuffered medium) or 5-120 micrograms (buffered medium). The intensity of the color is strongly dependent on the pH and the value of the latter therefore must be maintained constant during the analysis and during the construction of the calibration curve. The optimum concentration of II is 240 or 400-1200 γ/ml. The minimum detectable amount of I is 5 γ/ml. The maximum error is ± 2%. Of the

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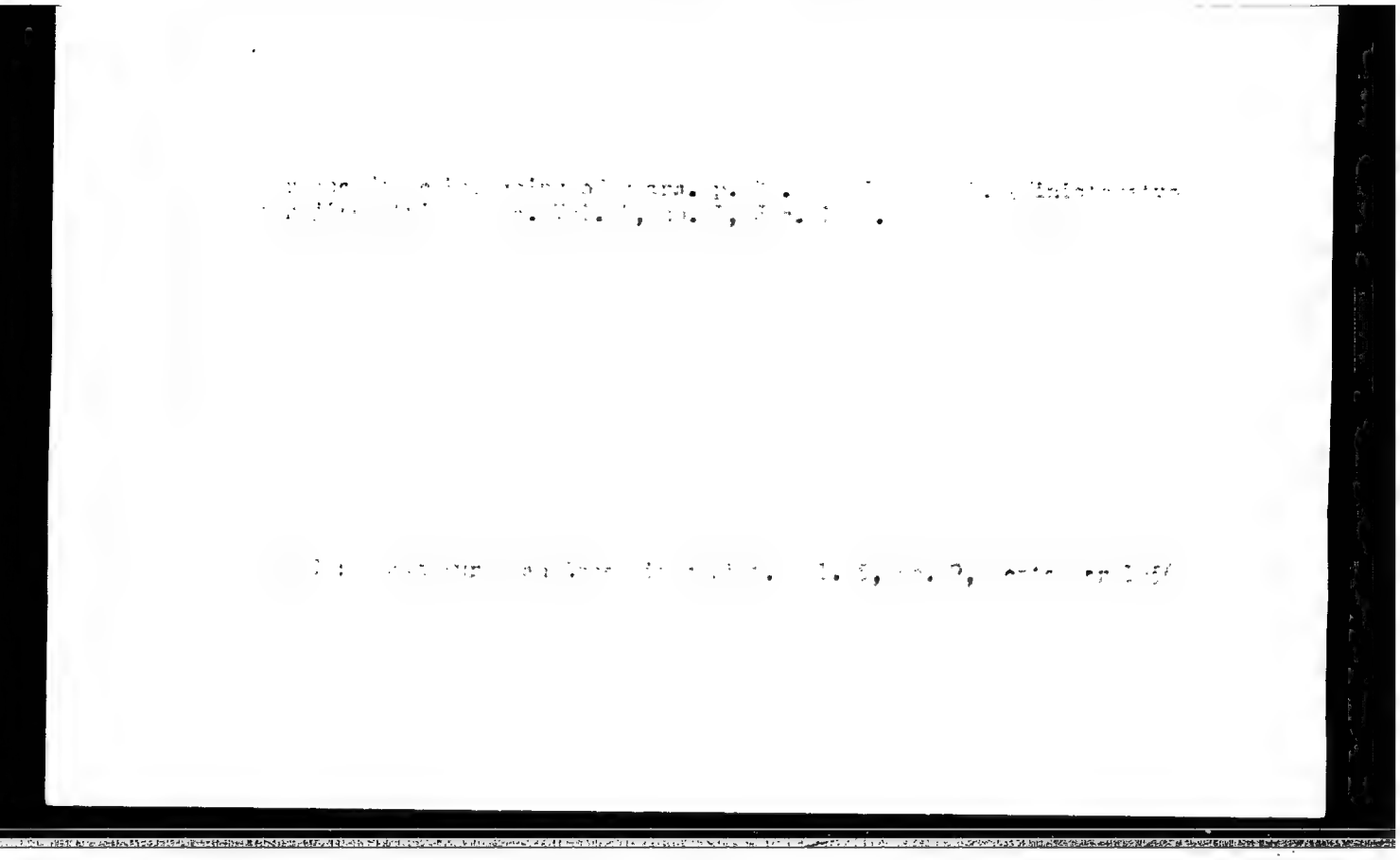
Card 3/3



Z 056 62 019 004 005 005
1037 1237

AUTHOR Strachov, A

TITLE Use of light alloys in building river ships

PERIODICAL Přehled technické a hospodářske literatury, Hutnictvi a strojirenstvi, v. 19, no 4, 264, abstract HS 62-3367. (Rec Transp., v 20, no 11, 1961, 17 19)

TEXT For the Al-Mg and Al-Mn alloys which are extensively used in ship construction, a distinction is made between those that cannot and those that can be heat-welded Various casts are prepared from the alloy of light metals To the first group belong the technical aluminum alloys designated AD and AD1, the Al-Mg alloys designated AMg, AMg-3, AMg-5, AMg-5V, AM-6 and AMg-61, Al-Mn alloys designated AMc and AMc 6, and alloys of the hydronalia type, similar to the Soviet alloy AMg 5 Of the alloys which can be heat welded the Al-Mg alloys AV1 and AV2 and duraluminum D1, D6, and D16 are used Detailed data on the use of light metal alloys on some types of Soviet ships

Card 1 1

SLAVNOVA, S.S.; KIRAKOSJANC, M.Ch. [Kirakosyants, M.Kh.]; STRACHOV, I.P. [Strakhov, I.P.], prof.; PAVLOV, S.A., prof.; BENES, Antonin [translator]; BLAZEJ, Anton, doc. inz. CSc. [editor]

Research of tanning effects of stabilized sulfate complexes of aluminum by means of infrared adsorption spectroscopy. Kozarstvi 14 no.9:272-274 Ag '64.

1. Moscow Higher School of Technology of the Light Industry (for all except Benes and Blazej). 2. Slovak Higher School of Technology, Bratislava for Benes and Blazej).

STRACHOV, Ivan Pavlovic [Strakov, Ivan Pavlovich] ; Vysoka technickych ved;
KUCERA, P.A., inz.; HENES, Antonin [translator]

Use of methylol and methylated methylol derivatives of melamine for improvement of sole leather quality. Kozarstvi 14 no.8:233-236 Ag '64.

1. High Technological School of Light Industry, Moscow (for Strachov and Kucera). 2. Research Institute of Leather Industry, Gottwaldov (for Henes).

Z/032/60/000/02/009/023
E073/E535

AUTHOR: Strachovský, V., Engineer

TITLE: Efficiency of Feed-Pumps

PERIODICAL: Strojírenství, 1960, Nr 2, pp 112-116

ABSTRACT: A major part of the internal power consumption in power stations is that of the boiler feed-pumps. The author deals with the problem of determining the efficiency of feed-pumps by means of diagrams which apply to various types of pumps and various working conditions. These diagrams can be used for selecting the most economical pump in a new installation and for comparing differing schemes as well as for determining the efficiency of existing installations. Fig 1 shows a modification of a diagram plotted by Dr. F. Erhart (Refs 1 and 2) on the basis of American data. It permits determining the efficiency which can be achieved for pumps with specific speeds of 35 to 1000 r.p.m. and deliveries of 1 to 10 000 litres/sec. The plot, Fig 2, applies to the efficiencies which can be achieved with multi-stage centrifugal pumps as a function of the specific r.p.m. and n_s and the delivery rate Q. The plots, Figs 1 and 2, permit choosing the conditions in

Card 1/2

such a way that the operation is most economic and to determine to what extent existing pumps approach optimum conditions. These plots apply solely to pump designs with optimum hydraulic conditions which are not affected by operational factors. For plotting the efficiency diagrams the diagram, Fig 2, has been compared with efficiency data of major foreign manufacturers. On the basis of this comparison, efficiency diagrams were plotted for pressures up to 100 atm (Fig 3) and up to 200 atm (Fig 4); These diagrams apply to the most frequently used speed of 2950 r.p.m. Results for 4500 r.p.m. are plotted in Fig 5 and for 6000 r.p.m. are plotted in Fig 6. Much emphasis is laid on the fact that there is no point in demanding highest efficiency of the pump for the maximum rate of delivery at the maximum pressure since, during most of the time, the pump operates with a lower rate of delivery and at lower pressures.
There are 6 figures and 3 references, 2 of which are Czech and 1 German.

ASSOCIATION: Sigma Works, Lutin

[redacted], Trust, Ing.; TH[redacted]KY, [redacted]; G[redacted]Y, Francisc

Evaluation of calf skins and raw hides produced in Rumania for obtaining higher quality of semifinished leathers. Industria uscara 11 no. 4:201-203 Ap '64.

STRACZEK, IRENA

GODLEWSKI, Josef; ZOGALA, Emilia; STRACZEK, Irena

Modifications of the hemopoietic system in tuberculous encephalitis and in tuberculous meningitis in children. Gruzlica 22 no.4:255-26 Ap '54.

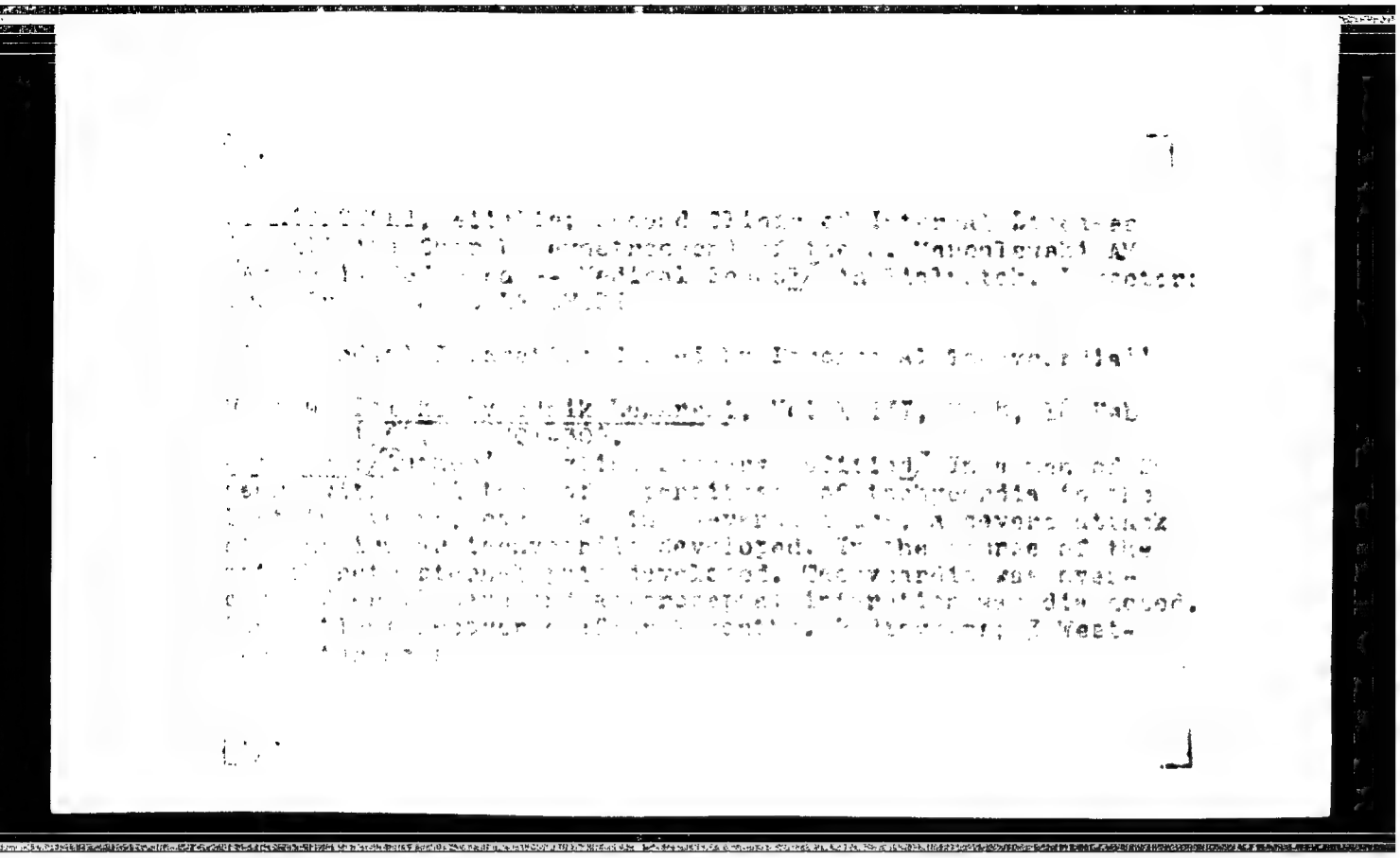
1. Z Miejskiego Szpitala Dzieciecego we Wroclawiu. Ordynator: dr med. J.Godlewski.

(TUBERCULOSIS, MENINGEAL, in infant and child,
*physiol., hemopoietic system)
(TUBERCULOSIS,
*brain, in child., hemopoietic changes)
(BRAIN, DISEASES,
*tuberc. in child., hemopoietic changes)
(HEMOPOETIC SYSTEM, in various diseases,
*tuberc., meningeal & encephalic, in child.,)

[redacted], M.

"The Health of The Child Depends Upon The Health of the Mother. p. 10", (ZDROWIE) Vol. 5, No. [illegible], 1953, Warszawa, Poland.

SO: Monthly List of East European Accessions L.C., Vol. 2, No. 11, Nov. 1953, Uncl.



KICZKA, Konrad; STRACZKOWSKI, Witalis; PODJASKI, Zygmunt

Mechanism of the action of dihydroergotamine on pulmonary arterial pressure. Roczn. akad. med. Marchlewski 10:167-175 '64.

1. Z Katedry Fizjologii AM w Bialymstoku (Kierownik: doc. dr. med. R. Kordecki). Submitted November 19, 1964.

[illegible], P. P.; [illegible], S. S.

Hydroelectric Power Stations

Toward the problem of reducing the cost of building the Kakhovka Hydroelectric Power Station. Visnyk AN URSR 24, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

STRAD, YA.I.

I-4

USSR/Chemical Technology. Chemical Products and Their Application - Building Stone, Ceramics, Binders.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12643

Author : Strad Ya.P.
Inst : Sakhalin Filiate of the Academy of Sciences USSR
Title : Limestone as a Building Material in Sakhalin

Orig Pub : Soobshch. Sakhalinskogo fil. AN SSSR, 1956, No 3, 99-101

Abstract : Description of limestones discovered in the area of the Yuzhno-Sakhalinskiy mountain range. Presented are the considerations relative to the possibility of their utilization in the production of binders and construction parts.

Card 1/1

STRADAL, O.

Scientific solutions of problems of grassland farming in Czechoslovakia. Zemledelie 7 no.3:87-93 Mr '59. (MIRA 12:4)

1. Institut kormoproizvodstva i kormleniya zhivotnykh (g. Brno).
(Czechoslovakia--Grasses)

HEDNARIK, J., inz. (Praha); HYBL, J., inz., dr. (Praha); STRABAL, O., doc., inz. (Praha)

Using mathematical models in designing a plant for casting prefabricated elements. Stavivo 40 no.12:410-413 D '62.

[illegible], [illegible].

"The Management and Operation Plan in Building." (To be contd.) p. 1[illegible] (Stavebni Prumysl, Vol. 3, no. [illegible], May 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. [illegible], Library of Congress, [illegible] 195[illegible], Uncl.

[illegible]

"The Management and [illegible] Plan in [illegible]" ([illegible] Prumysl, Vol. [illegible], no. 10, [illegible] 1953, [illegible])

[illegible]: Monthly List of East European Accessions, Vol. [illegible], no. [illegible], Library of Congress, [illegible]. 1954, Uncl.

"Cracking the Impregnation of Concrete," [illegible] (Stavebni Hmoty), Vol. [illegible], [illegible], 1962, Praha.

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress, Feb. 1964, Uncl.

STRADAL, O,

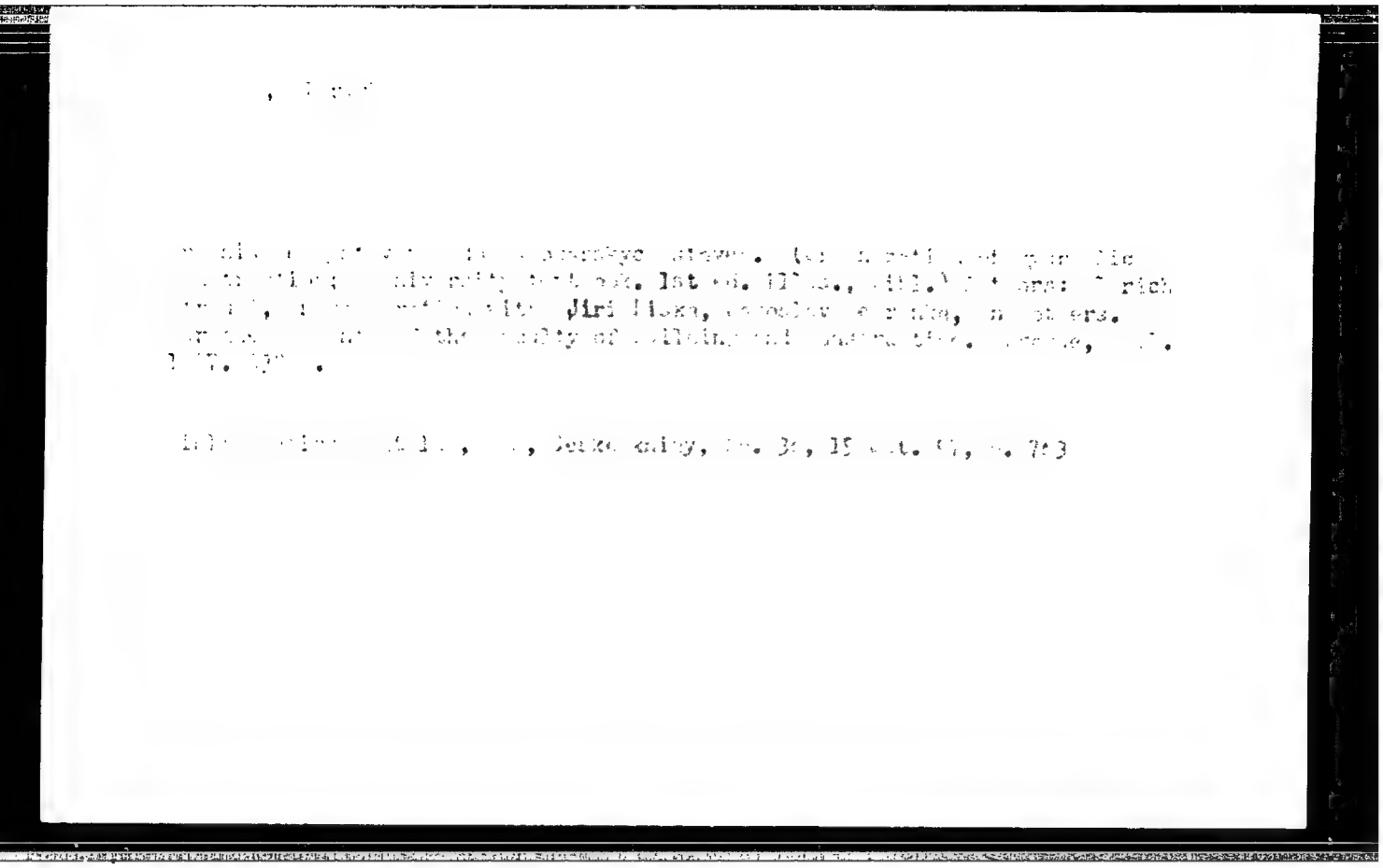
Plan for mechanization of construction. p. 254.
(INZENYRSKE STAVBY, vol. 3, no.8, Aug. 1954, Praha)

SO: Monthly List of East European Accession,(EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

[illegible], F.

Organizational plan of construction work, p. 304, ZA SOCIALISTICKOU VEDU A TECHNIKU (Pripravny vybor vedeckych technickch spol cnosti pri eskoslovenske akademii ved) Praha, Vol. 5, No. 7, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955



KOHN, E., inzh., arch.; STRADAL, O., doc., ins.

Structural analysis of the development of the material and production basis of the building industry. Poz stavby 10 no.12: 637-641 D '62.

1. SKVT, Praha (for Kuhn). 2. Ceske vysoke uceni technicke, Praha (for Stradal).

[illegible], [illegible]rich, inz. arch.; [illegible], [illegible]drich, doc. inz. CSc.

A structural model of the building industry. Poz stavby 11 no. 8:406-411 '63.

1. State Commission for the Development and Coordination of Science and Technology, Prague (for Kohn). 2. Czech Higher School of Technology, Prague (for Stradal).

HAAS, Stepan, prof., inz., CSc.; STRADAL, Oldrich, doc., inz.; TOMSIK, Cenek; HAJEK, Vladimir, inz., CSc.

Planning and control of the building industry. Poz stavby 11 no.11:573-584 '63.

1. Ceske vysoke uceni technicke, stavebni fakulta (for all except Tomsik). 2. Reditel narodniho podniku Pozemni stavby Plzen (for Tomsik).

STRADAL, Oldrich, ins.; KLASKA, Frantisek, inz.

Some results of the complex research on nitrogen fertilization of clover and grass-clover mixtures. Rost vyroba 10 no. 7:675-694 Jl '64.

1. Research Station of Clovers and Grasses, Troubsko near Brno (for Stradal). 2. Research Station of Basic Agricultural Engineering and Fertilization, Pohorelice (for Klaska).

STIADAL, Oldrich, doc. Inz. CSc.

Production programming in building enterprises. Poz stavby 12 no.9:361-363 '64.

1. Czech Higher School of Technology, Prague.

SUKHAL, [illegible]

Country: [illegible]

Academic De[illegible]

Affiliation:

Source: Prague, Prakticky Lekar, Vol 41, No 15-16, Aug 21, 1961; pp [illegible]

Data: "Acute Poisoning with Isoniazid and its Treatment"

STRADAL, Vaclav ; MD, Internal Department Okres Institute for People's Health, Most (Interni oddeleni OUNZ) Chief Dr J. ULRICH, Most

JANOTA, Milos ; Graduate Physician, Second Internal Medicine Department, Kraj Institute for People's Health (II. interni oddeleni KUNZ) Chief Dr. A. FAFL, Usti n/Labem

[illegible]

STRADAL, Zdenek, inz.

Loss on the railway level crossings and their simplified evaluation. Doprava no.8:257-260 '62.

STEPAIAL, Zdenek, inz.

Automation of the traffice computation in highway sections.
Siln doprava 11 no. 12: 4-5 D '63.

1. Stredisko pro rozvoj silnic a dalnic.

STRADYEV, YA.P. AND GILLER, S.A.

"Die polarographische untersuchung einiger chemotherapeutika der nitrofuranreihe.

Report submitted to the Oscillopolarography Course and Polarography Symp.
Jena, GDR 10-15 Sep 1962

An imitation of Perilitus. Zashch. rast. ot vred. i bol. 9 [illegible] '64. (MIRA 17:12)

1. Starshiy entomolog L'vovskoy karantinnoy laboratorii.

STRADIN', P.I. [deceased]; STRADIN', Ya.P.

Work on studying the history of science in Latvia. Vop.ist. est.i tekh. no.8:184-186 '59. (MIRA 13:5)
(Latvia--Science)

[illegible]

[People, experiments, ideas; studies of the works of some famous physical chemists] Cilveki, eksperimenti, idejas, dazu slavenu fizikkimiku darbibas apceres. Otrais izdevums. Riga, Zinatne [illegible]. [illegible] p. [In Latvian] (MIRA 18:12)

STRADINSH, F.

MD

Some cancer diagnostic reactions. F. Stradiņš. *Trudy Vsesoyuz. Khirgil. Med., Ashad. Nauk Latv. S.S.R.* 1953, No. 3, 19–33; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 6342.—Studies were made with the blood of cancer and noncancer patients. Investigated were serum protein, serum albumin and globulin, citric acid ppta, and Lugol soln. (Bortello reaction), and the formation of indigo red in the urine (Davis' reaction). Total serum protein and its fractions were detd. in 1010 cancer and 177 non-cancer patients. In early circumscribed cancer conditions, free of parenchymal functional disturbances, total serum protein varied between 7–9%. In the later stages hypoproteinemia was recorded. Lowest values were obtained in patients with cancer of the digestive tract and in particular of the stomach, and of the uterus. A lowered albumin/globulin ratio was recorded in all localized cancers beginning with the early stages of the disease. In 58% of one group of 188 cancer patients the albumin/globulin ratio was below 1.6; in 66.8% of another group (286) of similar cases the ratio varied between 0.5–1.5. In 106 noncancer patients a lowering of total serum protein to less than 7% was found in 6.6% as compared with 15.03% in cancer patients. The Bortilo reaction was pos. in 84.8% of cancer patients as compared with 58.4% in noncancer patients. The Davis reaction was pos. in 80% of cancer patients as compared with 51.4% in noncancer patients, but in cancer of the stomach it was pos. in 94.7% of the cases. The opinion is held that none of the reactions by themselves are of practical value clinically, but a properly evaluated combination may be of value. B. S. Levine

KIRKHENSHTEYN, A., akademik, Geroy Sotsialisticheskogo Truda; KAL'NIN'SH, A. [Kalniņš A.], akademik; STRADIN'SH, P. [Stradiņš, P.], akademik; SUDRABKALN, Yan [Sudrabkalns, Jānis], narodnyy poet Latviyskoy SSR MELBARDIS, K., khudozhnik; LAPIN'SH, A. [Lapiņš, A.], narodnyy khudozhnik Latviyskoy SSR; YUROVSKIY, Yu., narodnyy artist SSSR; AVOTS, A., fotolyubitel'; VARDAUNIS, E., khudozhnik, zasluzhennyy deyatel' iskusstv Latviyskoy SSR; GAYLIS, V., kinooperator; RIDZENIYEKS, V., fotograf; KALNYN'SH, E. [Kalnins, E.]; LOGANSON, R. [Iohanson, R.], starshiy master khudozhestvennoy fotografii; RIEKSTS, Ya. [Rieksts, J.], fotograf; LERKH, Yu.; FEDOSEYEV, B., fotograf; REYKHMAN, E., zasluzhennyy deyatel' kul'tury Latviyskoy SSR; GROBMAN, Ya. [Grobman, J.], fotograf; OZOLS, Ya. [Ozols, J.], fotograf; TIKNUS, B., fotograf; FADEYEV, Ye., fotograf; RAKE, I., fotograf; HERZTIS, A., fotograf; RAKE, K., fotograf; UPIT, V., fotograf; SHADKHAN, M., fotolyubitel'; RITERS, G., fotolyubitel'.

Organize a society of Soviet photographers! Sov.foto 18 no.4:77 Ap '58. (MIRA 11:6)

1.Rizhskaya kinostudiya (for Gaylis, Fedoseyev). 3.AN Latviyskoy SSR (for Ridzenieks). 4.Chlen-korrespondent Akademii khudozhestv SSSR (for Kal'nynsh, E). 5.Zhurnal "Rigas foto" (for Rieksts, Gorman, Ozols). 6.Latviyskoye teatral'noye obshchestvo (for Lerkh). 7.Direktor Doma narodnogo tvorchestva imeni E. Melngaylisa (for Reykhman). 8.Predsedatel' Tvorcheskogo soveta (for Grobman). 9.Chlen Tvorcheskogo soveta (for Ozols). 10.Gazeta "TSinya" (for Tiknus). 11.Fotokhronika Latviyskogo telegrafnogo agentstva (for Fadeyev). 12.Institut Latgiproprom (for Rake, I.).

(Photography--Societies)

[illegible], [illegible]

[illegible] ... determining the natural frequencies of bending vibration in beams. Stroj cas 13 no.3:[illegible]-272 '62.

1. Katedra technickej mechaniky, Slovenska vysoka skola technicka, Bratislava.

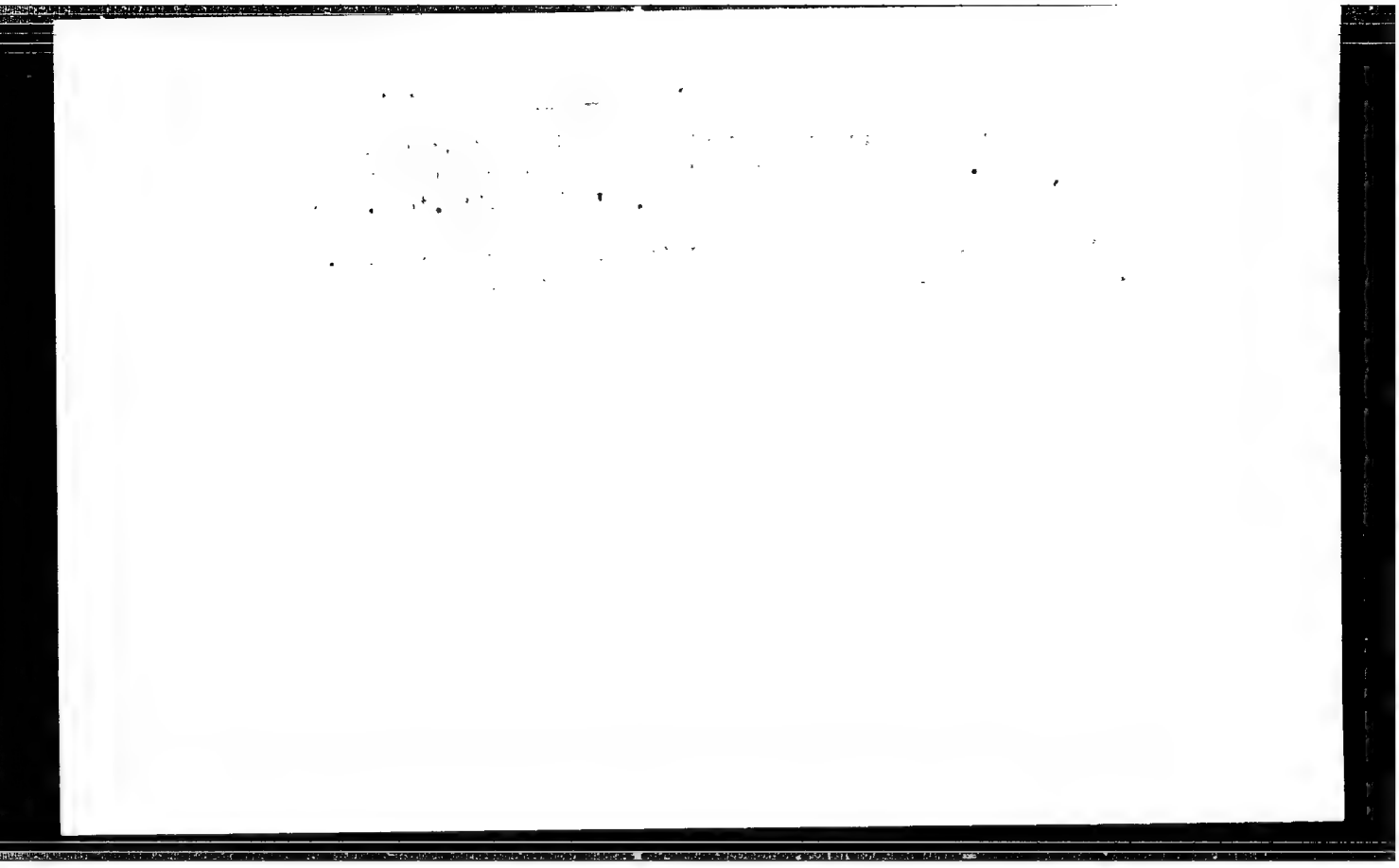
STRADIOT, Juraj, inz.

Contribution to the methods of deriving material moments of the second order. Stroj cas 15 no. 3: 309-311 '64.

GONCHAROVA, I.A.; STRADOMSKAYA, A.G.; DATSKO, V.G.

Determination of the molecular weight of organic matter in natural waters. Gidrokhim. mat. 35:156-160 '63. (MIRA 16:7)

1. Gidrokhimicheskiy institut, Novocherkassk.
(Organic matter) (Water--Composition) (Molecular weights)



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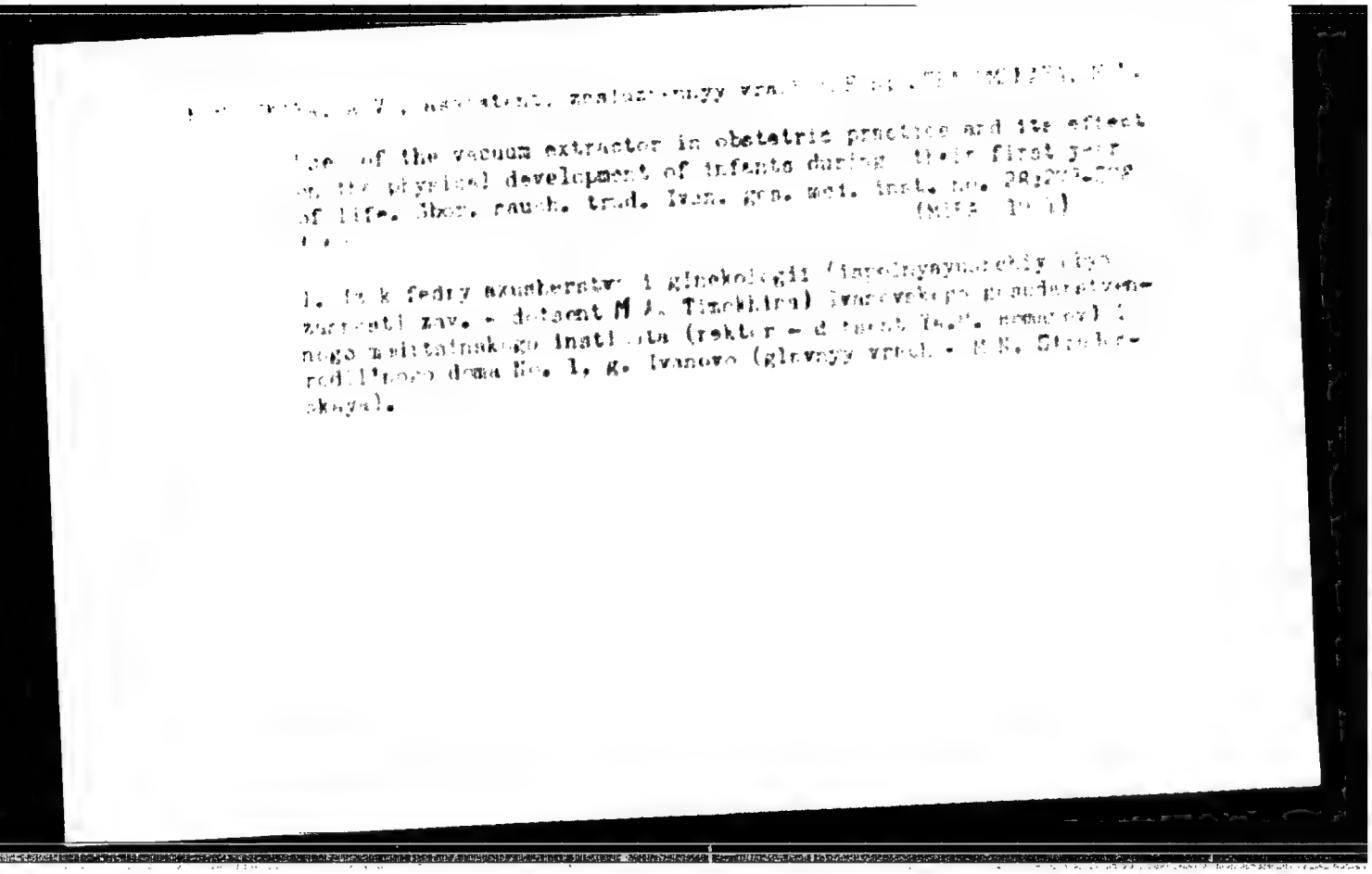
SEMENOV, A.D.; SEMENOVA, I.M.; GONCHAROVA, I.A.; STRALOMSKAYA, A.G.; DATSKO, V.G. [deceased]

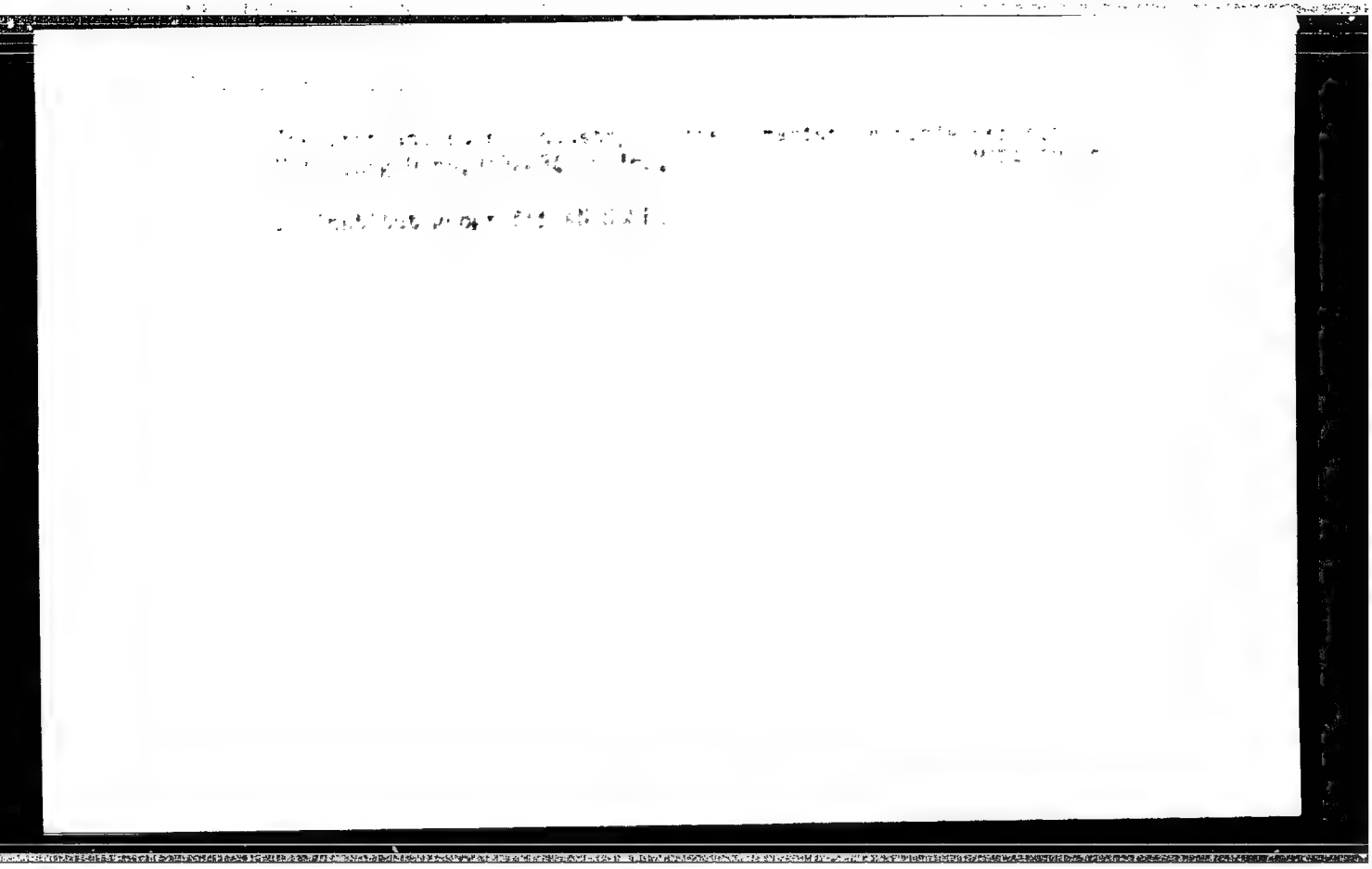
Infrared spectra of humic acids in natural waters. Gidrokhim. mat. 38:157-161 '64. (MIRA 18:4)

1. Gidrokhimicheskiy institut AN SSSR, Novocherkassk.



[illegible] of the vacuum extractor in obstetric practice and its effect on the physical development of infants during their first year of life. Zhur. nauch. trud. Ivan. gos. med. inst. no. 28:[illegible] (MIRA 17:1)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy kafedroy zasluzhennyy deyatel' nauki M.A. Timchina) Ivanovskogo gosudarstvennogo meditsinskogo instituta (rektor - dotsent [illegible]) i rodil'nogo doma No. 1, g. Ivanovo (glavnyy vrach - N.N. Glushakova).



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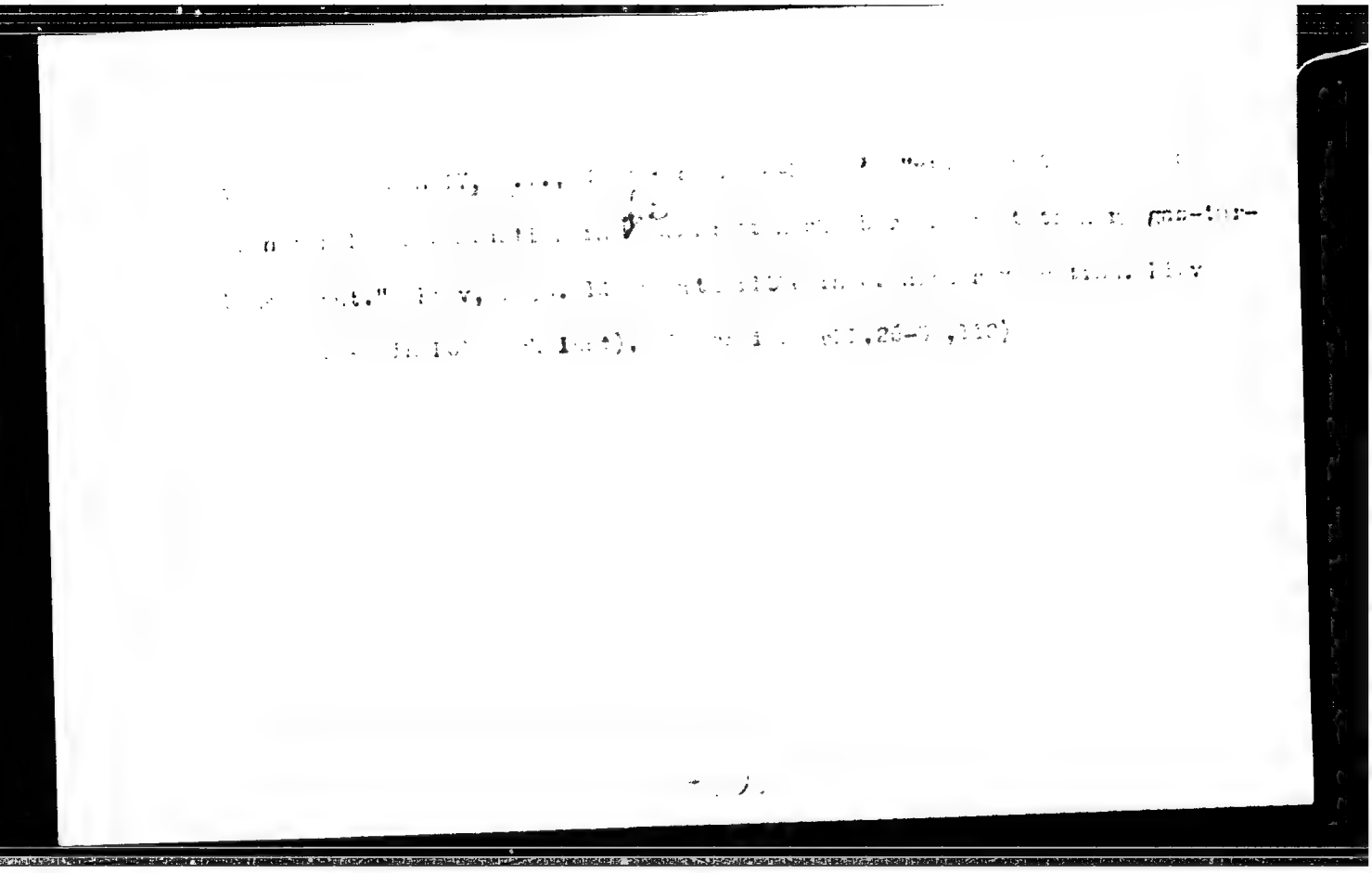

SOV/21-58-2-19/20

AUTHOR: Stradomskiy, M.V.

TITLE: Burning Natural Gas in a Gas Turbine Combustion Chamber (Sgoraniye prirodnogo gaza v gazoturbinnoy kamere)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 2, pp 197-200 (USSR)

ABSTRACT: In order to determine the efficiency of the operation of a gas turbine combustion chamber on a high-caloricity gas fuel, the author carried out aerodynamical and igneous investigations on the model of a gas turbine combustion chamber operated on natural gas. Aerodynamic investigations were conducted by the "cold blowing-through" method with the air temperature at 56 and 300°C. Their purposes were: the study of the fields of speeds and static pressures in various cross sections of the chamber; determination of geometrical dimensions and position of the recirculation zone. In the igneous investigations, the coefficient of heat liberation in the chamber was determined by the thermal balance method and checked by the chemical analysis of combustion products. The investigations established that the coefficient of performance in a combustion chamber with a front assembly working on natural gas depends mainly on the coefficient of sur-

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Burning Natural Gas in a Gas Turbine Combustion Chamber

plus of the primary air in the combustion zone and amounts to 99 or 97% when the coefficient of the surplus air varies from 1.2 to 2.1 respectively.
There are: 1 diagram, 3 graphs and 3 references, 2 of which are Soviet and 1 English.

ASSOCIATION: Institut teploenergetiki AN UkrSSR (Institute of Thermal Power Engineering of the AS UkrSSR)

PRESENTED: By Member of the AS UkrSSR, I. T. Shvets

SUBMITTED: March 20, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

SHVETS, I.T., akademik; KHRISTICH, V.A., kand.tekhn.nauk; STRADOMSKIY, M.V., inzh.

Studying the gas-turbine combustion chamber using natural gas by means of a working-process model. Energomashinostroenie 4 no.11:26-30 N '58. (MIRA 11:11)

1. AN USSR (for Shvets).
(Combustion research) (Gas turbines)

STRADOMSKIY, M.V.

Studying the process in a gas-turbine combustion chamber fired with natural gas. Trudy Inst. tepl. AN URSR no.15:81-94 '58. (MIRA 11:10)

(Gas, Natural) (Combustion research)

[illegible]SKIY, M.V. [Stryzhoms'kyi, M.V.]

Investigation of mixing processes in gas-turbine combustion [illegible] burning natural gas. Zbir. prats' Inst. tepl. AN URSR no.16:35-40 '59. (MIRA 13:10)

(Gas turbines)